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| FORM PTO-1449 (REV. 7-80) | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO. 500200.02 | APPLICATION NO. 09/909,581 |
| INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary) | | APPLICANT(S) Nathan R. Brown | |
| | | FILING DATE July 20, 2001 | GROUP ART UNIT 3729 |

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|----------------------|----|-----------------|----------|--------|-------|----------|-------------------------------|
| <i>AA</i> | AA | 5,769,697 | 06/23/98 | Nishio | 451 | 288 | |
| | AB | | | | | | |
| | AC | | | | | | |
| | AD | | | | | | |
| | AE | | | | | | |
| | AF | | | | | | |
| | AG | | | | | | |
| | AH | | | | | | |
| | AI | | | | | | |
| | AJ | | | | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|--|----|-----------------|------|---------|-------|----------|-------------|----|
| | | | | | | | YES | NO |
| | AK | | | | | | | |
| | AL | | | | | | | |
| | AM | | | | | | | |
| | AN | | | | | | | |
| | AO | | | | | | | |

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

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| | AP | |
| | AQ | |
| | AR | |

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|---|------------------------------------|
| EXAMINER <i>Alan J. Grant</i> | DATE CONSIDERED <i>10/23/03</i> |
| * EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s). | |

FORM PTO-1449
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
500200.02APPLICATION NO.
Not Yet Assigned

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANT(S)
Nathan R. BrownFILING DATE
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09/909581

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U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|----------------------|----|-----------------|----------|------------------|-------|----------|-------------------------------|
| CB | AA | 4,918,869 | 04/24/90 | Kitta | 51 | 131.1 | |
| CB | AB | 5,081,795 | 01/21/92 | Tanaka et al. | 51 | 131.1 | |
| CB | AC | 5,449,316 | 09/12/95 | Strasbaugh | 451 | 289 | |
| CB | AD | 5,624,299 | 04/29/97 | Shendon | 451 | 28 | |
| CB | AE | 5,635,083 | 06/03/97 | Breivogel et al. | 216 | 88 | |
| CB | AF | 5,948,204 | 09/07/99 | Maveety et al. | 156 | 345 | |
| | AG | | | | | | |
| | AH | | | | | | |
| | AI | | | | | | |
| | AJ | | | | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|----|----|-----------------|----------|---------|-------|----------|-------------|----|
| | | | | | | | YES | NO |
| CB | AK | 63,052,967 | 03/07/98 | JP | | | X | |
| | AL | | | | | | | |
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OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

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10/23/03

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FORM PTO-1449
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
500200.02APPLICATION NO.
09/909,581

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANT(S)

Nathan R. Brown

FILING DATE

July 20, 2001

GROUP ART UNIT

3723

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|----------------------|----|-----------------|----------|----------------|-------|----------|-------------------------------|
| AB | AA | 6,612,903 B2 | 09/02/03 | Korovin et al. | 451 | 9 | |
| AB | AB | 6,296,557 B1 | 10/02/01 | Walker | 451 | 526 | |
| | AC | | | | | | |
| | AD | | | | | | |
| | AE | | | | | | |
| | AF | | | | | | |
| | AG | | | | | | |
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FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
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| | | | | | | | YES | NO |
| | AK | | | | | | | |
| | AL | | | | | | | |
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|--|--|--------------------------------------|
| FORM PTO-1449 (REV. 7-86) INFORMATION DISCLOSURE STATEMENT (See several sheets if necessary) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO. 500200.02 | APPLICATION NO. 09/909,581 |
| | APPLICANT(S) Nathan R. Brown | |
| | FILING DATE July 20, 2001 | GROUP ART UNIT 3729 |

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|----------------------|----|-----------------|----------|---------------|-------|----------|-------------------------------|
| <i>AK</i> | AA | 5,643,053 | 07/01/97 | Shendon | 451 | 28 | |
| <i>AB</i> | AB | 5,738,574 | 04/14/98 | Tolles et al. | 451 | 288 | |
| <i>AC</i> | AC | 5,769,699 | 06/23/98 | Yu | 451 | 528 | |
| <i>AD</i> | AD | 6,139,402 | 10/31/00 | Moore | 451 | 41 | |
| | AE | | | | | | |
| | AF | | | | | | |
| | AG | | | | | | |
| | AH | | | | | | |
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FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|-----------|----|-----------------|----------|------------------|--------|----------|-------------|----|
| | | | | | | | YES | NO |
| <i>AK</i> | AK | 58-22657 (A) | 02/10/83 | Japan (Abstract) | B24B37 | 04 | X | |
| | AL | | | | | | | |
| | AM | | | | | | | |
| | AN | | | | | | | |
| | AO | | | | | | | |

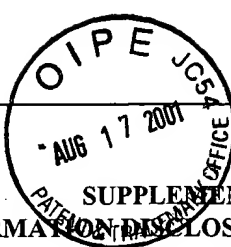
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

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| | AP | |
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FORM PTO-1449
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
500200.02APPLICATION NO.
09/909,581**SUPPLEMENTAL
INFORMATION DISCLOSURE STATEMENT**

(Use several sheets if necessary)

APPLICANT(S)

Nathan R. Brown

FILING DATE

July 20, 2001

GROUP ART UNIT

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|----------------------|----|-----------------|----------|------------------|-------|----------|-------------------------------|
| | AQ | 5,730,642 | 3/24/98 | Sandhu et al. | 451 | 6 | |
| | AP | 5,733,182 | 3/31/98 | Muramatsu et al. | 451 | 289 | |
| | AO | 5,766,058 | 6/16/98 | Lee et al. | 451 | 41 | |
| | AN | 5,769,692 | 6/23/98 | Pasch et al. | 451 | 41 | |
| | AM | 5,769,696 | 6/23/98 | Lee et al. | 451 | 287 | |
| | AL | 5,791,973 | 8/11/98 | Nishio | 451 | 41 | |
| | AK | 5,888,120 | 3/30/99 | Doran | 451 | 41 | |
| | AJ | 5,964,646 | 10/12/99 | Kassir et al. | 451 | 41 | |
| | AI | 5,997,385 | 12/7/99 | Nishio | 451 | 56 | |
| | AH | 6,019,868 | 2/1/00 | Kimura et al. | 156 | 345 | |
| | AG | 6,027,401 | 2/22/00 | Saito et al. | 451 | 398 | |
| | AF | 6,036,587 | 3/14/00 | Tolles et al. | 451 | 288 | |
| | AE | 6,050,882 | 4/18/00 | Chen | 451 | 41 | |
| | AD | 6,074,289 | 6/13/00 | Murakami et al. | 451 | 388 | |
| | AC | 6,083,090 | 7/4/00 | Bamba | 451 | 288 | |
| | AB | 6,093,085 | 7/25/00 | Yellitz et al. | 451 | 41 | |
| | AA | 6,135,858 | 10/24/00 | Takahashi | 451 | 41 | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|--|----|-----------------|----------|---------|-------|----------|-------------|----|
| | | | | | | | YES | NO |
| | AR | 2,173,639 | 10/11/96 | Canada | | | | |

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

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FORM PTO-1449
(REV. 7-80)DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
500200.05APPLICATION NO.
09/910,638

INFORMATION DISCLOSURE STATEMENT

APPLICANT(S)

Nathan R. Brown

FILING DATE

July 20, 2001

GROUP ART UNIT

3729

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(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|----------------------|----|-----------------|----------|---------|-------|----------|-------------------------------|
| AS | AA | 5,769,699 | 06/23/98 | Yu | 451 | 528 | |
| AS | AB | 6,290,572 B1 | 09/18/01 | Hofmann | 451 | 5 | |
| | AC | | | | | | |
| | AD | | | | | | |
| | AE | | | | | | |
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FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|--|----|-----------------|------|---------|-------|----------|-------------|----|
| | | | | | | | YES | NO |
| | AK | | | | | | | |
| | AL | | | | | | | |
| | AM | | | | | | | |
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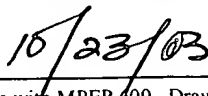
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